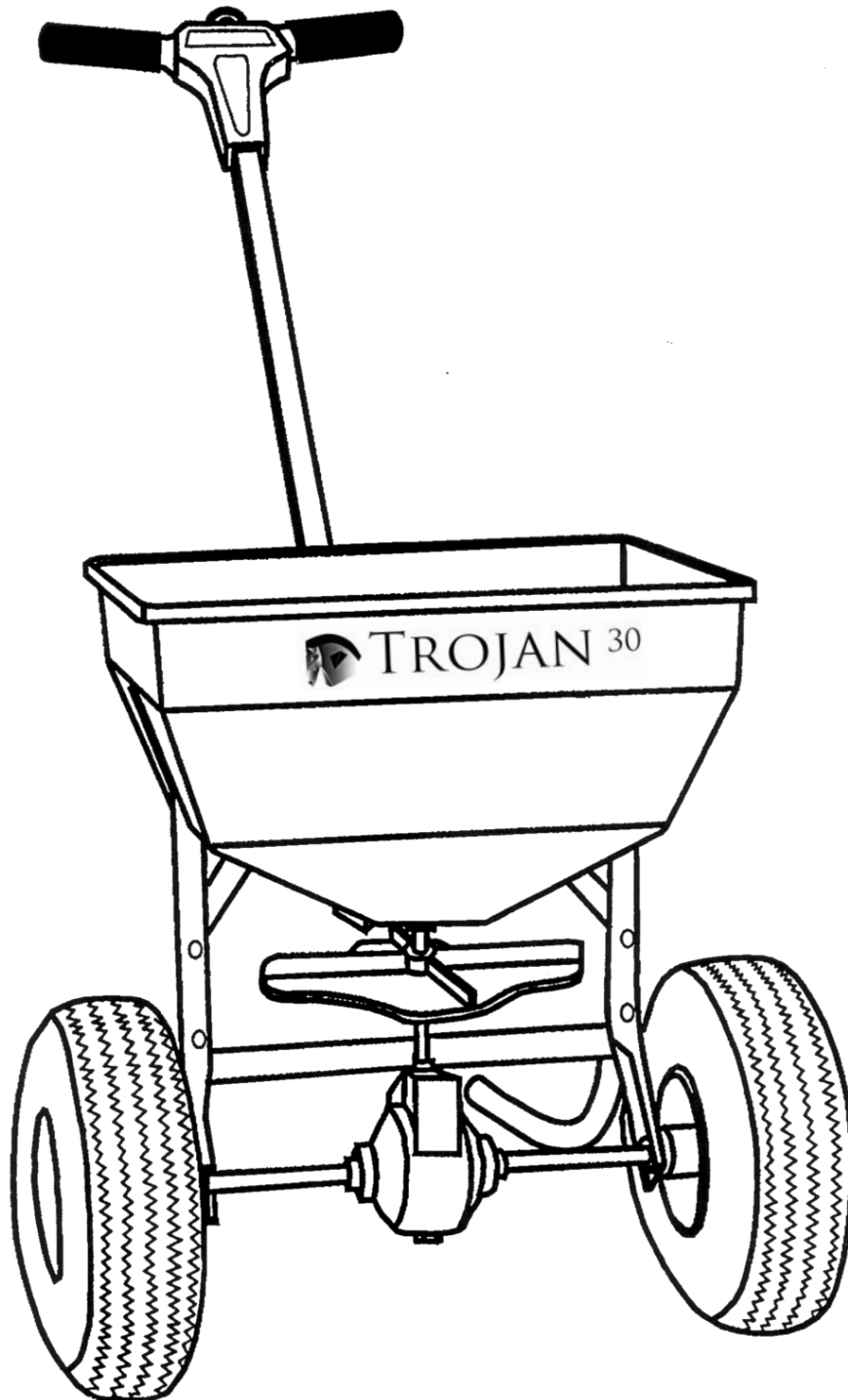




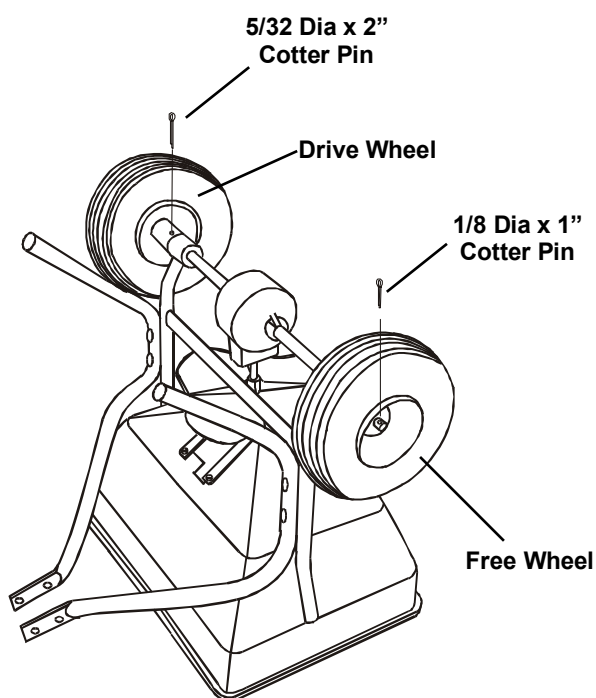
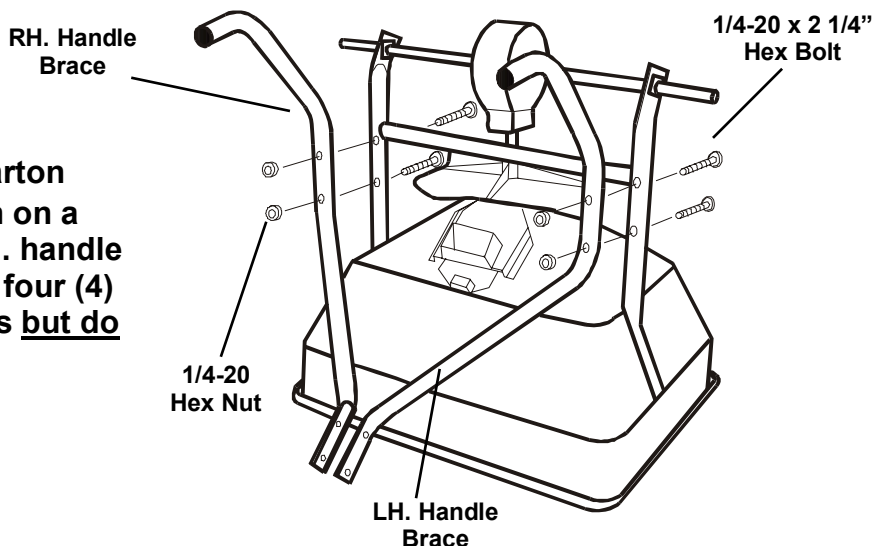
# TROJAN 30



**OWNER'S MANUAL**

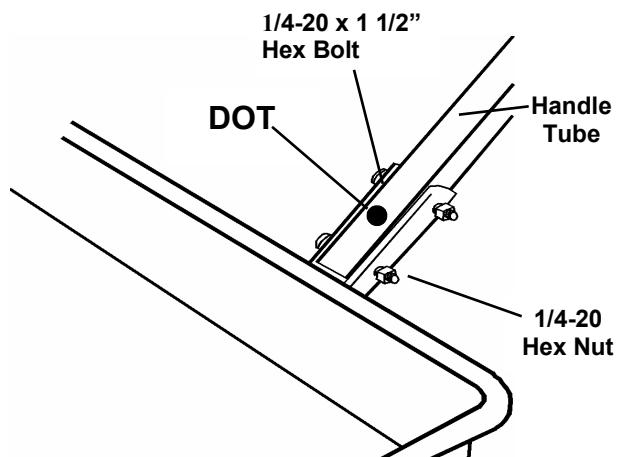
# ASSEMBLY

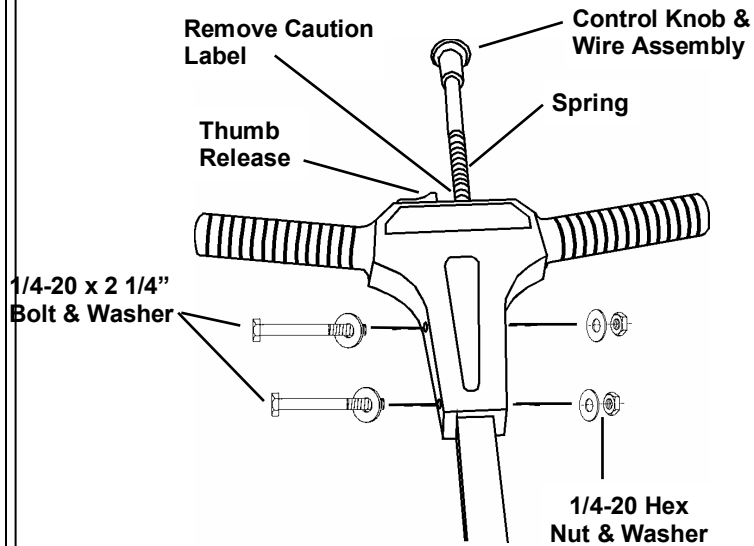
**1. Remove components from carton and place spreader upside down on a padded surface. Install LH. & RH. handle braces to frame as shown using four (4) 1/4-20 x 2 1/4" hex bolts and nuts but do not tighten.**



**2. Install drive wheel onto right-hand end of axle (you can identify the drive wheel by the cotter pin hole drilled in the hub). Hub must face toward frame. Align the hole in the drive wheel hub and the hole in the axle. Secure drive wheel to axle with 5/32 dia x 2" cotter pin. Install the free wheel on the opposite end of axle. Insert 5/32 dia x 1" cotter pin in the hole near the end of axle to retain free wheel.**

**3. Turn spreader upright and install end of handle tube with DOT between handle braces as shown. Secure with (2) 1/4-20 x 1 1/2" hex bolts and nuts.**

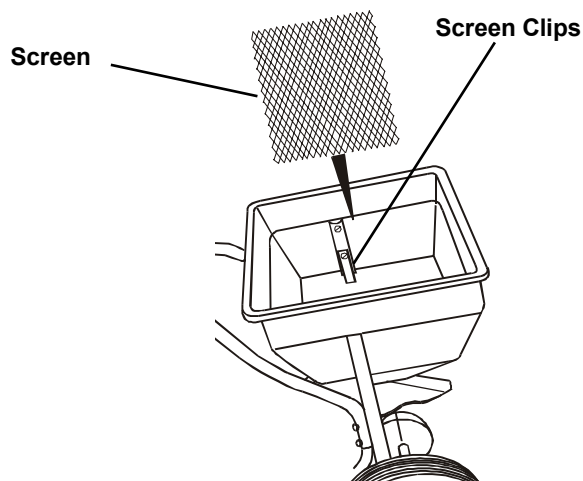
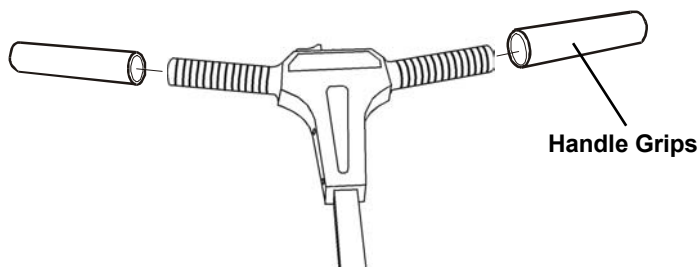
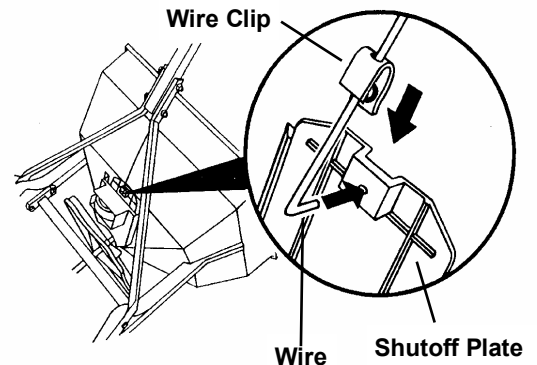




**4.** Feed control knob/wire through the T-handle until spring touches the round hole. **CAUTION: Do Not Compress Spring At This Time.** Feed wire through the square handle tube. **Be sure wire passes above the bolts in the handle brace.** Secure T-handle to the tube with (1) 1/4-20 x 2 1/4" hex bolts, (2) washers, and (1) hex nut in the holes. Remove caution label and push the thumb release toward the centre and push down knob and shutoff spring until knob latches.

**CAUTION: Once knob is latched, do not move thumb release until you have completed in step #5.**

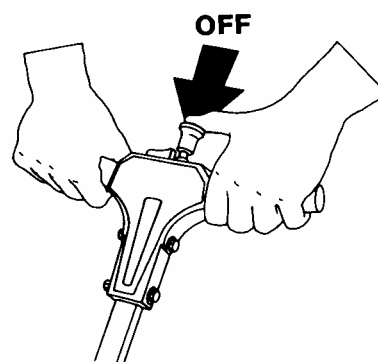
**5.** Slide wire retaining clip onto wire as shown. Insert wire through hole shutoff plate. Slide wire retaining clip over shutoff plate and wire until the clip locks into place.



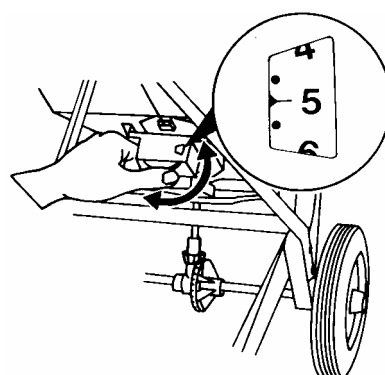
**6.** Install handle grips onto the handle as shown. Soapy water will ease installation. (Do not use petroleum based products). Insert screen into hopper by sliding it under the screen clips.

# OPERATION

**1.** Check the product package for the rate setting, and recommended swath width. Turn the spreader OFF by pushing the control knob in. Rotate the rate cam to the proper setting.



**2.** The rate setting is adjusted by rotating the rate cam to the desired setting. The rate cam locks at each setting.

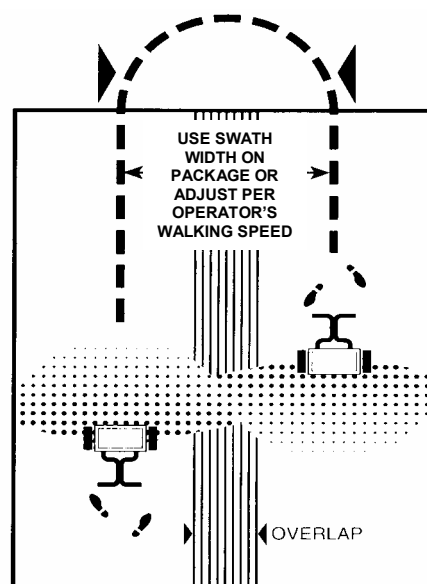


**3.** Always fill the spreader on the driveway or path—not on the lawn. Make sure spreader is in the “OFF” position. Empty after each use.

**4.** Start spreader moving, then open spreader by pushing the thumb release to the “ON” position. Always push spreader, never pull. Push knob down to close spreader.

**5.** Hold handle so top of spreader is level. Tipping the spreader too far can cause uneven spreading.

**6.** The settings and swath widths on the product label are recommended starting points. Always check the delivery rate and pattern on a small area before treating a large area. Actual delivery rate can vary due to weather conditions, operating variables, and condition of the product being applied. See “HOW TO DETERMINE SPREADER SETTING AND SWATH WIDTH” for details.



**7.** Push spreader 2 1/2 m.p.h. (5.5 metres in 5 seconds) for full 8' to 14' spread pattern when applying fertilizer products. Apply header strips at each end of area to be treated then space trips across the area as shown.

**8.** Empty spreader after each use. Return leftover material to its original container.

# HOW TO DETERMINE SPREADER SETTINGS AND SPREAD WIDTH

Two major factors should be considered when determining correct spreader settings of any product:

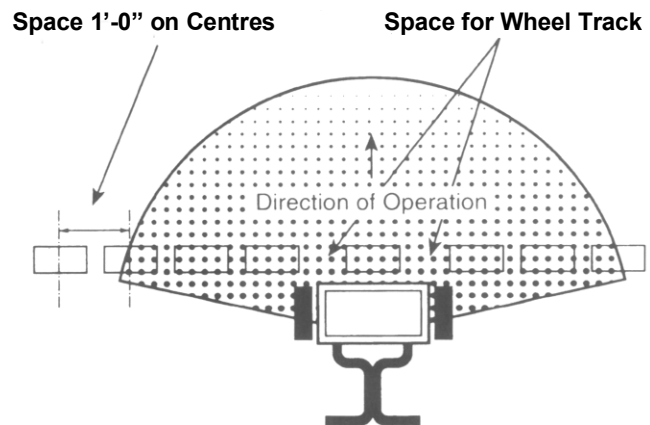
1. The product application rate, or the amount of material applied per 500 square metres.
2. The effective pattern width, or the actual width in which material is applied. Label settings are a guide and can be affected by numerous factors.

The Trojan 30 is factory calibrated. However, calibration should be checked occasionally to assure optimum performance.


For accurate calibration, Sherriff Amenity recommends the use of the Prizelawn® calibrator for the Trojan 30+, Trojan HVO, and the Trojan Tow. For all other spreaders standard calibration procedures should be followed. Visit [www.sherriff-amenity.com](http://www.sherriff-amenity.com) for further information.

## EFFECTIVE PATTERN WIDTH

A simple visual pattern test can be made by operating the spreader over a non-turf area and evaluating the pattern. A more accurate method is to place a row of common, disposable, aluminum cake tins approximately 30 cm on centres. Set the rate cam at a middle setting and make 3 or 4 passes in the same direction as shown. Pour the material collected from each pan into individual bottles of the same size. Set them side by side in order, and visually inspect their volume. The effective pattern width is the distance out from the spreader to a point where the amount of material is 1/2 the average amount in the center pans. This distance is multiplied by 2 to achieve the total effective pattern width.



# RATE SETTING CONVERSION

The following provides  **TROJAN** <sup>30</sup> approximate settings for those units listed.

 **TROJAN** <sup>30</sup>

Setting

**Prizelawn**






BF-1 /SS,HVO,  
CBRIII, Setting

Lesco  
Hi-WHEEL  
Setting

Scotts  
R8A/SR-1,  
AP&SR2000  
Setting

2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
G	H	J	K	M	N	N1/2	O	P1/2	Q	R	S	T	U	V	X	Z
E	F	G	H	I	J	K	L	—	—	M	N	O	—	P	R	S
I	J	L	M	O	P	—	Q	—	S	T	U	—	V	W	X	Z

The following provides approximate settings  **TROJAN** <sup>30</sup> when only the product weight, square foot coverage, and visual inspection of the material is available.

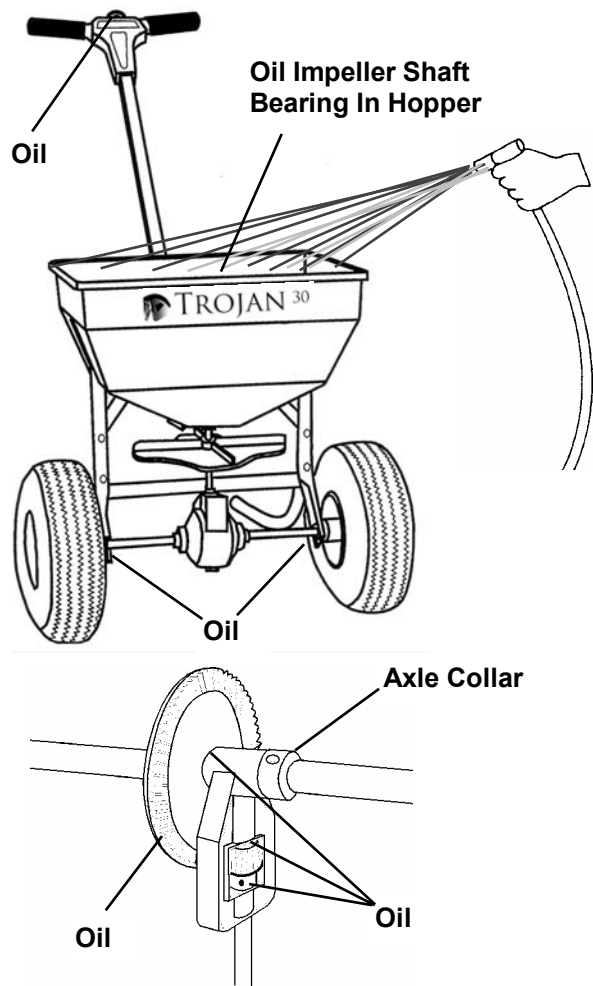
FERTILIZER PARTICLE SIZE		BAG RATE GRAMS / SQUARE METRE	APPROX. SETTING	SPREAD WIDTH (IN METRES)
Large, heavy particles		25	6	5
		50	9	5
		75	11	5
Medium- mixed particles		25	5	4
		50	7	4
		75	9	4
Small particles (nitrogen)		5	2	4
		10	4	4
		15	5	4
Mixed size particles -some fines		25	6	3
		50	9	3
		75	11	3
Light weight particles		25	4	2
		50	5	To
		75	6	3

The conversions should be used as guidelines for establishing proper rate settings for the particular product being applied. Steps for obtaining the most accurate settings are outlined in the "How to Determine Spreader Settings and Spread Width" section of this manual.

These settings are approximate and may vary due to physical characteristics of the product. Walking speed, wear, condition of the turf and humidity, may cause actual rate setting to deviate. No expressed nor implied warranty or guarantee is provided as to coverage or uniformity indicated by these rate settings.

# MAINTENANCE

1. Never store unused material in spreader. Return unused product to its original container.
2. Wash spreader thoroughly after each use and dry completely in sun or heated area.
3. Oil the axle bearings, impeller shaft bearing in hopper, control knob in T-handle.
4. Remove gear cover and wash gears thoroughly. Oil all bearing areas and face of gear teeth. Re-install gear cover.
5. Gear mesh should be checked on a regular basis during high use periods. Clearance between the axle gear and pinion gear should be minimal but not tight. If adjustment is necessary, loosen axle collar set screw and hold gears together. Slide axle collar against the gear support and tighten axle collar set screw. Spin drive wheel. Gears should run freely and smoothly.
6. Impeller surface should be cleaned periodically to remove build-up of product. Build-up can cause the spread pattern to change.
7. Tyre pressure should be 20-25 PSI.



# WARRANTY

## Sherriff Amenity warrants to Purchaser the following:

1. Product will be free of defects in materials and workmanship for a period of one year from date of purchase.
2. Sherriff Amenity will decide in its reasonable discretion if the part(s)/unit is defective.
3. The spreader or part(s) will be shipped to Sherriff Amenity at the customer expense with a written description of defect to the attention of Sherriff Amenity's WARRANTY DEPARTMENT.
4. If the spreader is used for commercial rental the Limited Warranty shall be limited to a period of 90 days.
5. All Unit and part replacement will be performed at the reasonable discretion of Sherriff Amenity.
6. Labor charges are not covered and the unit need not be returned to the dealer for warranty service.
7. Proof of purchase must be supplied to Sherriff Amenity.

Sherriff Amenity's sole obligation under this warranty is limited to repairing or replacing the defective part. Upon replacement of any Product or Product part, the replaced item shall become the property of Sherriff Amenity. If Sherriff Amenity determines that the Product covered by this warranty requires service, Sherriff Amenity shall prepay return shipping charges from Sherriff Amenity.

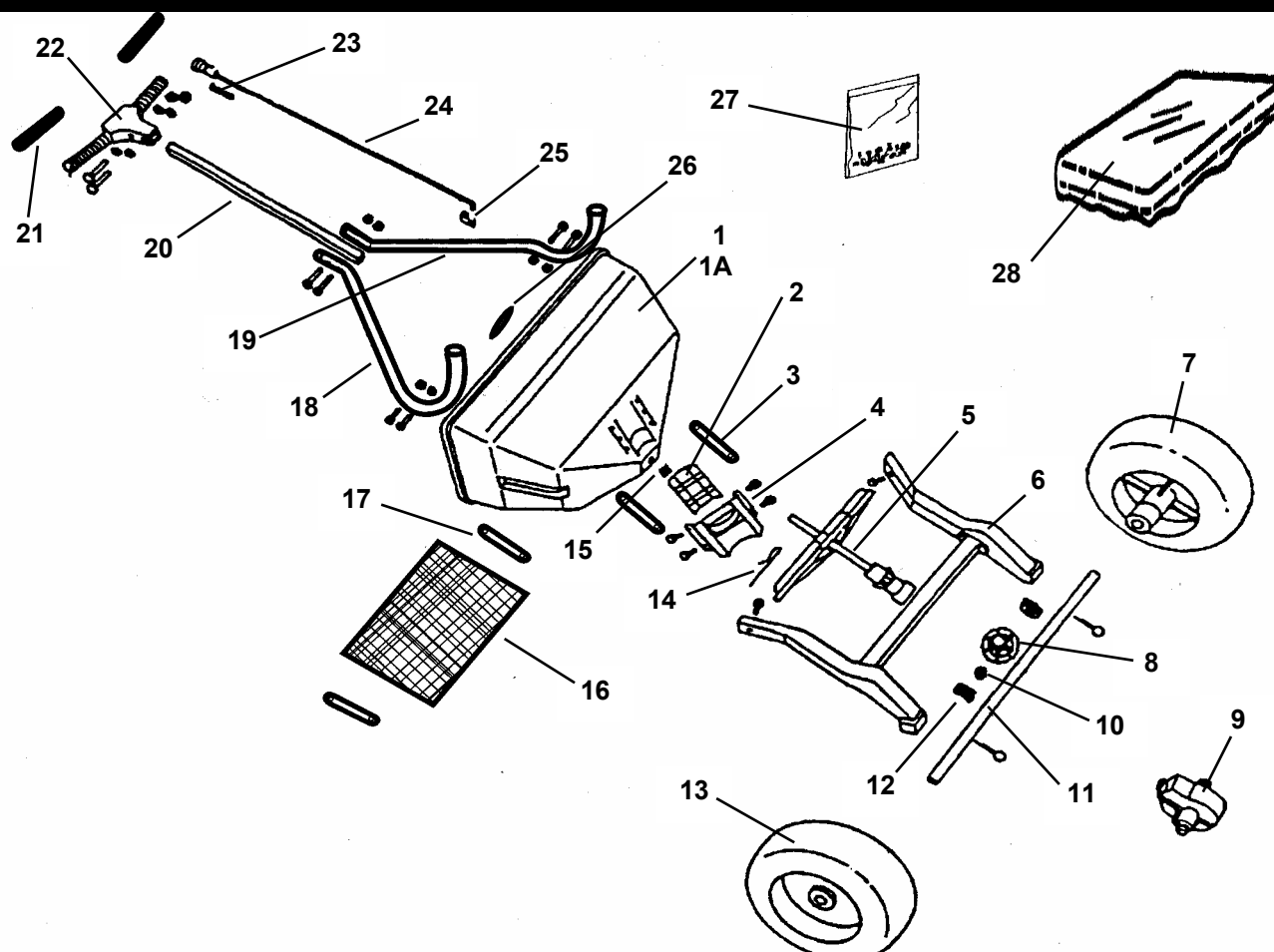
In all other instances, such charges shall be paid by Purchaser. Except for loss or damage caused by Sherriff Amenity's negligence, Purchaser relieves Sherriff Amenity of responsibility for all risks of loss or damage to the Product and its parts during the period the products are in transit to and from Sherriff Amenity.

This warranty does not extend to any Product or parts thereof that have been allowed to corrode, subjected to misuse, neglect, accident, or modification by anyone other than Sherriff Amenity or that have been affixed to any nonstandard accessory attachment or that have been used, stored, installed, maintained or operated in violation of Sherriff Amenity's instructions or standard industry practice. No agent, employee or representative of Sherriff Amenity has any authority to bind Sherriff Amenity to any affirmation, representation or warranty concerning the Product and any affirmation, representation or warranty made by any agent, employee or representative shall not be enforceable by Purchaser.

**THIS WARRANTY EXTENDS ONLY TO THE ORIGINAL PURCHASER AND IS EXPRESSLY IN LIEU OF ANY OTHER EXPRESS OR IMPLIED WARRANTIES, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTY OR MERCHANTABILITY OR FITNESS OR INTENDED USE FOR A PARTICULAR PURPOSE AND OF ANY OTHER OBLIGATION ON THE PART OF Sherriff Amenity.**

**SHERRIFF AMENITY SHALL NOT BE LIABLE FOR ANY INCIDENTAL, SPECIAL OR CONSEQUENTIAL LOSS, DAMAGE OR EXPENSE DIRECTLY OR INDIRECTLY ARISING FROM THE USE OF ANY OF THE PRODUCT INCLUDING, BUT NOT LIMITED TO, DAMAGE OR LOSS OF OTHER PROPERTY OR EQUIPMENT, LOSS OF PROFITS OR REVENUE, COST OF CAPITAL, COST OF PURCHASED OR REPLACEMENT GOODS, OR CLAIMS OF CUSTOMERS OF PURCHASER.**

# Parts List



PART OF OUR SERVICE IS  
PROVIDING REPLACEMENT  
PARTS. Parts may be obtained

1. SPREADER MODEL NUMBER
2. SPREADER NAME
3. PART NUMBER
4. NAME OF PART AS SHOWN

IF YOUR LOCAL DISTRIBUTOR  
CANNOT SUPPLY PARTS,  
CONTACT:

## Sherriff Amenity



The Pines Fordham Road

Newmarket Suffolk, CB8 7LG

tel 01638 721888

fax 01638 721815

[www.sherriff-amenity.com](http://www.sherriff-amenity.com)

Key No.	Description	 TROJAN <sup>30</sup> Part No.	Key No.	Description	 TROJAN <sup>30</sup> Part No.
1	Hopper Assembly	15383	15	Impeller Shaft Bearing *	14312-1
1A	Hopper *	15270	16	Hopper Screen	14603-1
2	Shutoff Plate *	14454-1	17	Screen Clips (2)	14022
3	Shutoff Plate Guides (2) *	15377	18	Handle Brace W/ Plug- LH.	15378
4	Rate Cam & Chute Assembly *	14455-1	19	Handle Brace W/ Plug- RH.	15379
5	Impeller Assembly	15263	20	Handle Tube	15283-1
6	Frame Assembly	15262-2	21	Handle Grips (2)	15264
7	Drive Wheel	14939-1	22	T-Handle Assembly	13634-2
8	Axle Gear	13360	23	Control Knob Spring	14462
9	Gear Cover Assembly	14629	24	Control Knob & Wire Ass'y.	13640-1
10	Axle Collar	13362	25	Wire Retaining Clip	13643-1
11	Axle	15380	26	Hopper Plug	15271
12	Axle Bushings (2)	14951	27	Parts Package	15287
13	Free Wheel	14940-1	28	Hopper Cover	14606-1
14	Agitator	14510			

\* Parts included in Hopper Assembly